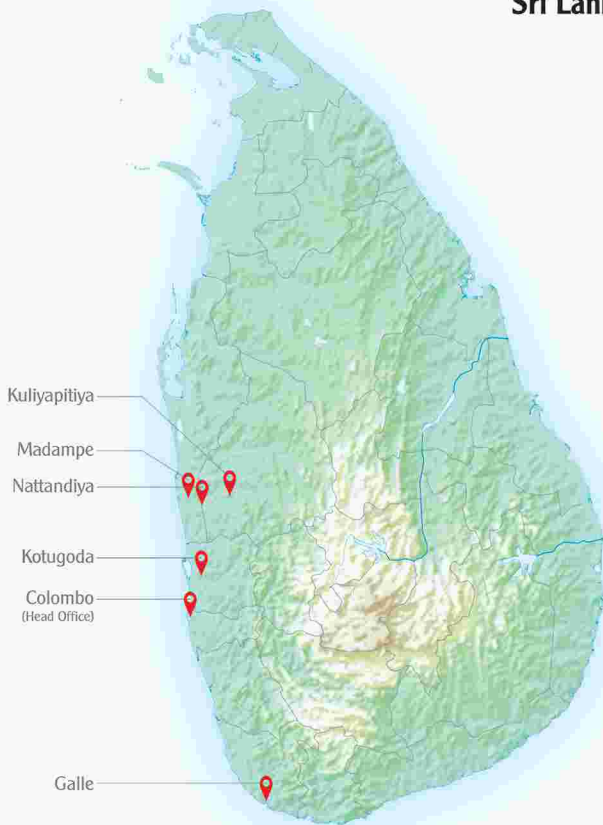


Hayleys Fibre
Made in Ceylon



Sri Lanka





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About us...

The Beginning

Hayleys Fibre, Sri Lanka is a world renowned manufacturer and exporter of eco-friendly coir based traditional and value added products. We are a subsidiary of Hayleys PLC, Sri Lanka, a multiple award winning blue chip conglomerate which has a rich history spanning over 139 years. Commencing commercial operations in 1878 as Chas P. Hayley & Company by Charles Pickering Hayley.

Hayleys PLC currently encompasses 12 defined sectors of enterprise.

Eco Solutions | Hand Protection | Textiles | Construction Materials | Agriculture | Plantations & Tea Exports | Transportation & Logistics | Leisure | Power & Energy | Consumer Products | BPO & Shared Services | Aviation



Eco Solutions

Eco Solutions represents the coir fibre products sector of Hayleys which in turn is denoted by 3 sub-sectors. Hayleys Fibre is responsible for manufacturing principally industrial products and mattresses. Floor coverings manufactures floor/door mats while, brushes and broom are manufactured by the brush-ware sector.

Hayleys Fibre | Floor Coverings | Brush-ware

The Raw Material

The predominant raw material of our products is coir fibre pith & coir fibre, which is a fibrous tissue extracted from coconuts. This fibrous material lies on the husk of a coconut between the outer coating and the hard inner shell. The fibre is extracted through an age-old process to obtain different grades of fibre which is then used to manufacture the appropriate products. A notable feature of coir fibre is that it is 100% bio degradable promoting the eco-friendly nature of our products.

Our Product Portfolio

The product portfolio of Hayleys Fibre falls into 5 distinct groups.

- We supply **GROWING MEDIA** solutions based on coir pith & coconut husk chips. These products are an ideal soil-less cultivation solution particularly sought after by DIY gardeners, greenhouse and landscapers.
- We manufacture a variety of products designed for **HORTICULTURE**. These products include Basket liners, Weed suppressors, Bark guards, Plant pots and creeper guides. All derived from rubberized coir & needled coir.
- Our products also extend to provision of **EROSION CONTROL** solutions with the provision of stitched blankets, geo textiles and geo logs. These are predominantly utilized in slopes/riverbank stabilization and highway construction among numerous other applications.
- **INDUSTRIAL FIBRE** - coir twisted fibre in its raw form, is highly sought after by bedding and automobile upholstery to drainage and air-conditioning filter manufacturers. Our coir twine is extensively used as the stringing medium for hop cultivation as well as oyster and meonggae cultivation.
- Hayleys Fibre coir & spring **MATTRESSES**, manufactured according to international standards, are superior in comfort and elegant in design and can be tailor made to your desired specifications.

Our Strengths

Catering for both international and domestic markets, we are always at the forefront of developing quality, innovative and eco-friendly products, supplemented by reliability, excellent customer service and prompt delivery. Manufacturing facilities scattered around the nation with state of the art machinery together with a committed workforce provides us with the core competence required to stay above the competition. Furthermore, Hayleys Fibre is a BCSI, ISO 9001:2008 & GOLS certified company portraying our firm belief in acting in an ethical and responsible way both socially and environmentally.

Hayleys Group Structure

Hayleys PLC

ECO SOLUTIONS

Hand Protection

Purification

Textiles

Construction Material

Agriculture

Plantations & Tea Exports

Transportation & Logistics

Leisure & Aviation

Power & Energy

Consumer Products

BPO & Shared Services

Brushware

ECO FIBRES

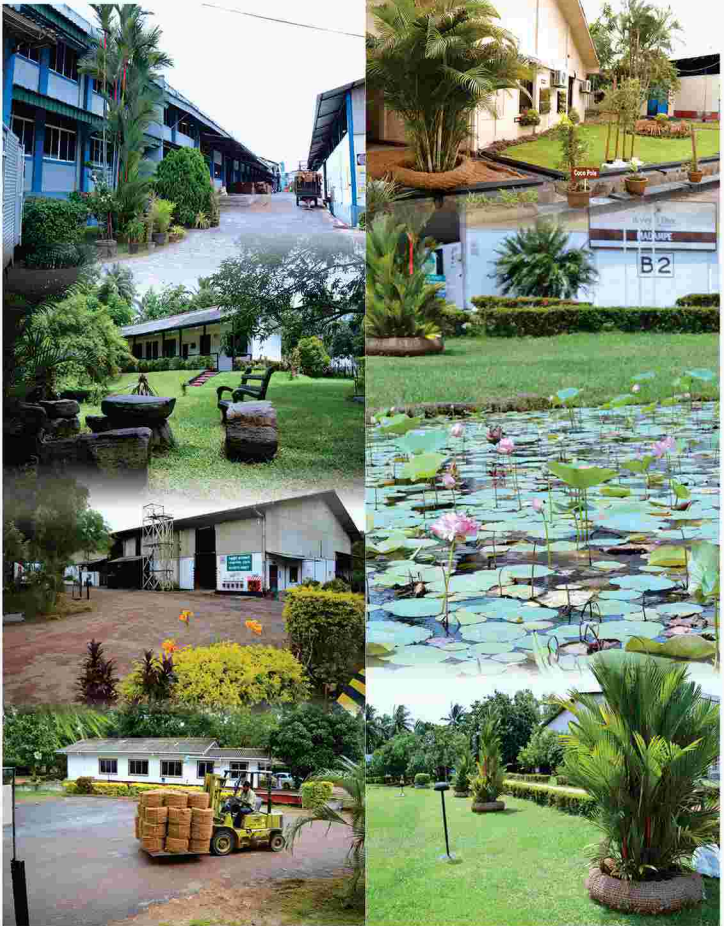
Floor Coverings

Hayleys Fibre
Made in Ceylon



Environmental Stewardship

We Continuously strive to protect the Environment ...



Bio Engineering



Bio Engineering

Erosion Control Solutions



Causes of Erosion

Natural Causes of Erosion

- Rainfall
- Winds and storms
- Seasonality
- Soil composition including its porosity and permeability
- Land gradient (slopes)
- Animal Grazing

Human Causes of Erosion

- Deforestation
- Logging
- Infrastructure development
- Global warming

**We provide a range of long term
Eco Friendly Solutions for erosion control
which are highly dependable and durable.**

Erosion is a process in which rocks and soil are moved from one location to another. Material may move through erosion for distances ranging from a few feet to thousands of miles. It is most noticeable along shorelines and slopes but it may occur in a variety of other areas throughout the world. Failure to control erosion may pose devastating consequences including loss of vegetation, loss of habitat, destruction of infrastructure, destabilization of river banks and shorelines and flooding.

Erosion may be caused by two main reasons, natural causes and human causes. There are a variety of natural causes for erosion. These include rainfall which washes away the top soil causing landslides, strong winds and storms which blows away the top soil gradually making the ground unstable and animal grazing which overtime makes vast areas bare and make them susceptible to be washed away. Seasonality also plays its part such that heavy snowfall in winter will eventually melt and the resulting water may make the land soggy and prone to be washed away. Furthermore the composition of the soil also has an effect. For example, soil with silt sized particles are naturally more prone to be eroded away compared with soil with clay and sand sized particles.

The biggest human cause for erosion is extensive deforestation, which occur due to several reasons including logging, mining for raw materials and infrastructure development such as highway construction and property development. Emission of greenhouse gasses is also becoming a threat which leads to global warming and melting of glaciers.

Temporary measures to curb erosion include grass, mulches of sawdust, bark chips, straw and plastic sheets. These provide cheap temporary measures. At Hayleys Fibre we provide a range of long term solutions which are highly dependable and durable.

Bio Engineering

Geo Logs



"Geo logs are mainly used in water courses to guide streams"



Geo Logs are commonly used in watercourses to guide streams of all sizes by stacking on the slope to strengthen the banks or to guide the water in a different direction. Our range of geo logs come with knotted or knot-less netting and can be customized according to customer requirements and applications including size, weight and the degradability of the coir fibre filling.

We also manufacture Geo Slabs and Geo Pillows which can be used for floating gardens and roof greening applications.

Geo Logs		
Application Area	Specification Range	
River Bank Strengthening Roof Greening	Eye Size	5 cm x 5 cm - PE NET
		5 cm x 5 cm - COIR NET
		2 cm x 2 cm - GEO NET
	Diameter	15 cm - 60 cm
	Length	1 m - 6 m
	Weight	10 kg - 120 kg

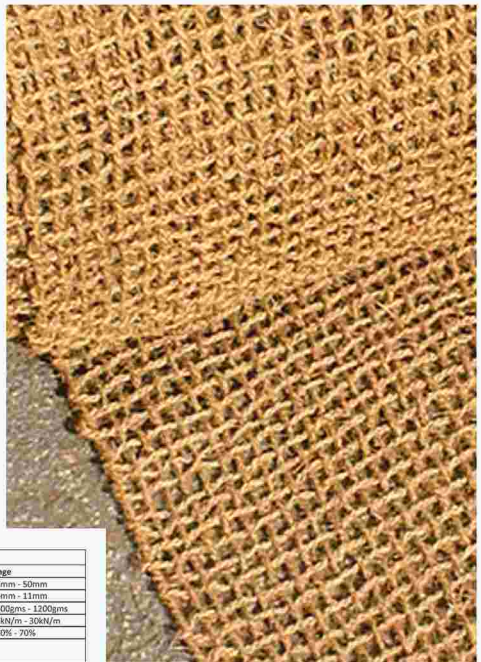
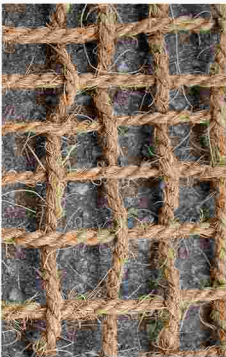


Bio Engineering

Geo Textiles



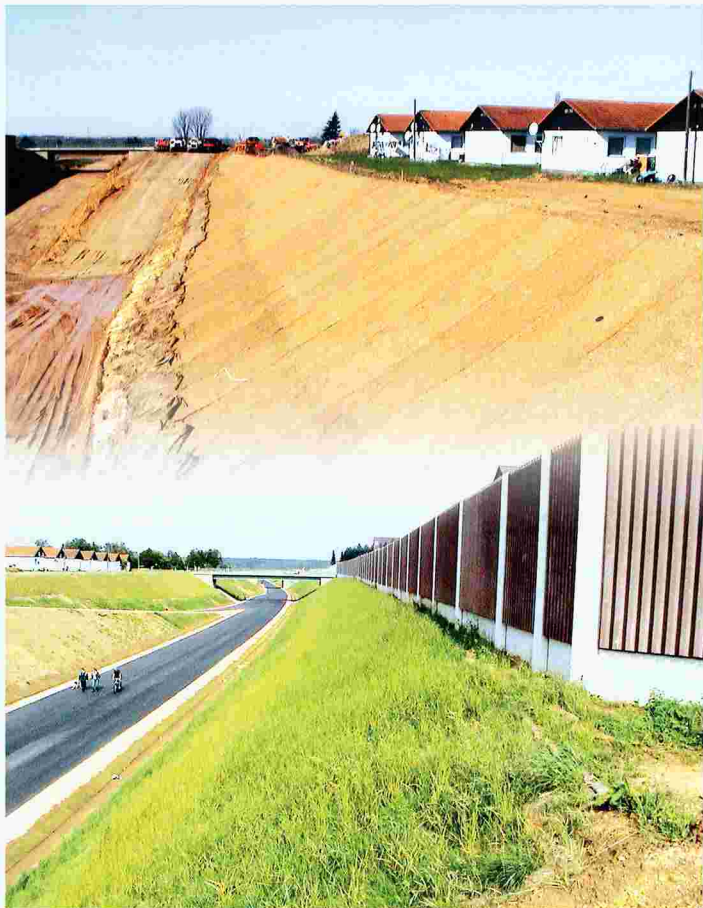
Geo Textiles are permeable fabrics made from either coir yarn or coir twine woven into a matrix that gives a 100% bio degradable mesh which, when used in association with soil has the ability to separate, filter, reinforced, protect or drain controlling the erosion.



Geo Textiles		
Application area	Specification Range	
Erosion Control	Eye size	7mm - 50mm
Re-Vegetation	Thickness	6mm - 11mm
Capping Landfills	Mass	300gms - 1200gms
Sound Barriers	Tensile Strength	6kN/m - 30kN/m
Roof Greening	Open Area	30% - 70%
Wall Greening		
Silt Fence		

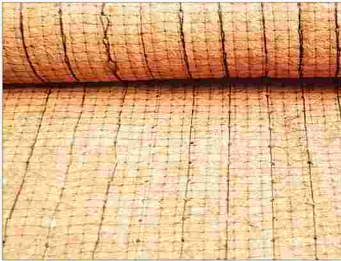
Bio Engineering

Geo Blankets



Bio Engineering

Geo Blankets



Geo Blankets are made from coir that can be laid on any terrain including slopes, on river banks and on gardens. It can be used to cover the ground preventing soil exposure for specified periods of time. It is also used for aesthetical purposes. Use of geo blankets helps the soil to settle naturally and make the area more stable.

Geo Blankets		
Application area	Specification Range	
Erosion control	Eye size	Brown - 9mm x 9mm
Re-vegetation		Black - 19mm x 19mm
Capping landfills		Jute - 25mm x 10mm
Sound barriers	Thickness	4mm x 12mm
Roof greening	Mass	300gms x 1000gms
Wall greening	Tensile strength	1.00kN/m - 8.6kN/m
Silt fence	Open area	-

Coir Blocks

Coir Blocks can be used in many erosion control applications often eliminating complex and expensive construction techniques. It's three dimensional structure provides "h" shape on cells which provides interlocking arrangement. Inside the coir block, can be filled with variety of filling materials. Depending on the application, either top soil or aggregates of sands and gravels to larger stones and cobbles and can cultivate various plants and shrubs as required. This construction is more suitable for preventing erosion on unstable steep slopes. Coir blocks will enhance the stamina to sustain erosion from water/hydraulic or mechanical stresses.





Horticulture



Horticulture

Basket Liners



Basket Liners, manufactured from rubberized/needled coir, are inserts for wire frames that can be hung, wall mounted or kept free standing. With the added ability to hold up to four times its own weight in water, they aid plant growth and are ideal for growing flowers, foliage plants, herbs etc. Basket liners can be used both indoor & outdoor and custom designed in various colours, shapes, sizes and different water retention levels.

“Available in various colors,
shapes & sizes according
to your requirement”



Basket Liners		
Application Area	Specification Area	
Gardening and Wall	Top (cm)	25 - 60
	Height (cm)	15 - 20
	Thickness (cm)	0.5 - 1.0
Floor Arrangements	Type	Round / Square
	Color	Natural / Colored



Coco Pots, produced from rubberized coir, these natural pots are suitable for nurseries as well as domestic gardening. Allowing for proper aeration, these support better plant growth compared to plastic pots. Weed growth is also minimized which allows faster plant growth and the need for excessive fertilizer. Another added feature is that the bio degradability of the pots allows the plants to be replanted on the ground or elsewhere including the pot itself. This reduces root damage, labour costs and recycle costs. They are available in varying colours, shapes and sizes.

“Allowing for proper aeration, these support better plant growth compared to plastic pots”

Pots		
Application area	Specification Range	
Nurseries Gardening Decorations	Top Diameter (cm)	5-57
	Height (cm)	4-36
	Thickness (cm)	0.2-1.0
	Type	Round / Square
	Weight (kg)	0.010-2.5
	Others	With or without Lid / Rim
	Colour	Natural / Coloured



Horticulture

Moisture Retainers

Moisture retainers/weed discs manufactured from needled coir sheets should be placed on the soil or on top of the plant pots. It helps retain moisture around roots, reducing evaporation. Weed growth is also suppressed minimizing the need of weedicides. Available in various densities, shapes, sizes and colours. They also provide a better visual appearance to the plant pots.

**"It helps retain moisture
around roots,
reducing evaporation"**



Horticulture

Go Grow Kit



This is another innovative solution from Hayleys Fibre which allows plants to be grown at the nursery level. This Go Grow Kit is manufactured using biodegradable coir fibre and natural latex and comes in a 10 cell re-usable tray. They provide a suitable environment for initial plant growth with proper aeration while, minimizing root damage and supports the plant until it is ready to be permanently planted.

Bark Guards & Winter Mats



These products are predominantly used during extreme weather conditions to protect trees. Manufactured in both rubberized and needled coir form, they come in various densities, thickness, sizes and colours to match your requirements. These products can be easily wrapped onto the tree trunk from the base upwards. This would protect the tree trunks from severe frost, rodents, wind-burn and lawn trimmers. They also assist with preservation of the moisture content of the bark.

Bark Guards		
Application Area	Specification Range	
Bark Protection	Width (cm)	10 - 50
	Length (m)	Up to 15
	Density (g /m ²)	650 - 800
	Thickness (cm)	0.4 - 0.6
	Grooved	With or without
	Color	Natural / Brown / Red / Green

Horticulture

Creeper Guides



Produced from rubberized coir sheets wrapped around wooden/PVC poles or coir fibre wrapped around PVC with twine, creeper guides provide an extensive grip to the creeper allowing for faster growth. Extendable guides are available for creepers that require extra height. Available in various lengths, these guides can also be interlinked to be used as fencing.



Floating Turf

Product made out of coir fibre on base material with floater & outer cover of coir twine, polypropylene net or GI net.

Floating Turf offer biological habitats for birds & fish securing & preserving the species diversity. The plants grown on the turf purifies the water by absorbing chemicals like nitrogen, phosphate in water, reducing the pollution of water bodies.

Floating Turf enhances the beauty in lakes and it's easy to maintain.





Hayleys Fibre

Growing Media



Growing Media

Introduction

Products derived from coconut husks, including coir pith, chopped fibre & coconut husk chips are a popular additive/alternative to soil among many growers. These products possess some unique features which make them suitable for this purpose. These include greater water retention ability compared to other mediums, ability to easily re-hydrate and an increased air porosity.

Coco pith is generated during the extraction of fibre from the coconut husk. Traditionally coco pith was confined as waste and duly disposed in marshlands, rivers and lakes causing environmental damage particularly to marine life. The potential of coco pith together with husk chips and chopped coco fibre as a suitable growth medium has been known for generations. At Hayleys Fibre, we succeeded in converting these into commercially usable products.

Benefits of Using Coco Peat

- High moisture retention ability
- Stimulates root growth while offering resistance to plant diseases
- The pH content ranging from neutral to slightly acidic is optimum for plant growth
- Increased porosity induces better aeration
- 100% natural & biodegradable hence eco-friendly
- Able to easily re-hydrate and has a superior oxygen holding capacity

Application

- Commercial nurseries
- Hydroponic gardening
- Pot mix manufacturing
- Plant bedding
- Compost manufacturing
- Farming activities
- Substrate production
- Animal bedding
- Spillage absorbent
- Mushroom farming
- Bonsai mixtures
- Vegetable bedding

COCO FIBRE PITH

Coco fibre pith, also known as coco peat or coir dust is generated in coconut fibre extraction. This mulch like material, high in porosity and water holding capacity, is an ideal growing medium for plants.



HUSK CHIPS

These consists of chopped/cut pieces of coconut husks. They take the form of irregularly shaped cubes and available in different sizes to suit varying applications. These are commonly used as the potting medium for orchids and similar cut-plants.



CHOPPED FIBRE

This is also a product generated in coconut fibre processing and is essentially coconut fibre strands which much shorter in length. This is used extensively to decrease the bulk density in potting & bedding mixtures.



Growing Media

Bulk Growing Media

At Hayleys Fibre we supply our growing media products in a variety of bulk forms based on customer requirements and preferences. The differentiating factor is the compactness of the products. Highly compressed blocks and bricks are easy to handle and utilize less space to transport whereas loosely compressed bales provide ready-made solutions. This products can be customize as pure coco pith, husk chips or chopped fibre. We have capability of mixing these products to meet customer requirement.



GROW BLOCKS

Our grow blocks range consists of low compressed coir pith, husk chips or a mixture of coir pith, husk chips and chopped coir fibre. These can be reconstituted manually by adding water. Mainly used for agricultural purposes as a soil-less growing media. These are particularly popular among compost manufacturers, commercial nurseries, greenhouses and farms. Standard weight is 5 kg but can be customized according to customer requirements.



GROW BRICKS

These are highly compressed blocks of coir fibre pith ideally used as a soil free growing media for plants & can be reconstituted by adding water or using crusher machines. Standard weight is 650g.



GROW BALES

Loosely compressed, eco bales are used in many applications in the growing industry. Bales are available as pith, husk chips or chopped fibre. Additionally, we supply bales with differing mixtures of pith, husk chips and chopped fibre based on requirements. The advantage of bale form is that the products are loosely compressed hence easy to reconstitute.

Growing Media

Retail Growing Media

RETAIL BRICKS/BLOCKS

These ready to use Retail Grow Blocks are a new user friendly addition to the product portfolio of Hayleys Fibre. In this DIY solution, all you have to do is add water while the block is in the bag. By adding 4-5 litres of water, 10 litres of growing media can be generated.

Coco peat grow blocks & bricks are manufactured with differing granule sizes ranging from 0.5 – 12 mm according to customer requirements. Additionally, we manufacture coarse grade blocks & bricks with particle sizes ranging from 3 – 15 mm. These can also be supplied with or without fertilizer and sizes range from 1 litre to 30 litre blocks. The product labels can be customized as per the customer requirement. Our retail blocks & bricks are mainly used in the hobby market.



1. Place the brick in a container (10 L) & add 4-5 L of water slowly.

2. Allow growing media to expand. (Approx: 30 minutes for full expansion)

3. Place the plant/seeds into the growing media.



REPTILE BEDDING

A new application of coco pith is as bedding for reptiles. We can supply as bulk blocks & bricks or as retail packs with customized labelling.



Growing Media

Grow Bags



Hayleys Fibre grow bags consists of compressed slabs of coir pith packed in polypropylene bags to suit your planting needs. Ideal for pot free planting. We manufacture a variety of grow bags with various blends of nutrient levels and EC to suit the exact crop. The quality and consistency of our products provides a suitable environment for the duration of the cultivation cycle. Pre-cut plant holes and drainage holes makes it easy to use and labour is only required for the installation process. Proper aeration and water holding capacity enhances root structure development as it facilitates the fertilizer balance. Our grow bags are also easy to handle and re-hydrates instantly. Packaging can be customized with required hole structures, labels and branding. Grow bags are a popular choice in household gardening, commercial nurseries, greenhouses and hydroponic cultivation.



Growing Media

Different Applications of Coco Peat

- Widely use in seed nurseries
- Use in home gardens to bed plants
- Use by the pot mix manufacturers
- Hydroponic cultivation of fruits & vegetables
- Landscaping activities
- Farming activities
- Bedding for animal farms or pet houses
- As a packaging material
- Absorbent for liquid spillage
- Biological filter for odor control
- and many more....



Wonder Cube



Eco Grow Cube (a patent pending product), is a natural cube made to a specific size with a unique upward water absorption technique. The unique structure along with its properties will ensure seeds will germinate successfully.

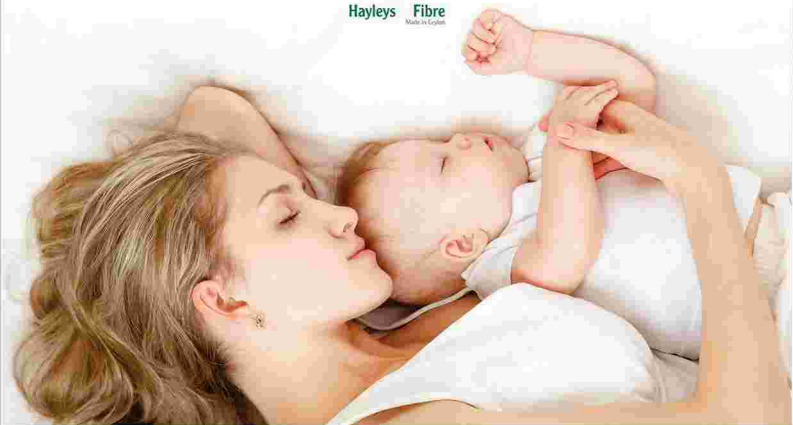


Seed Pad

Eco Seed Pad is a coconut fibre based product which is 100% biodegradable. This particular product helps to conserve seeds, water and fertilizer from the germination stage to the transplanting stage. Uniform gaps created between plants in this technique helps to control pests and weeds, ensuring a healthy and smooth plant growth.



Hayleys Fibre
Made in England



Mattresses & Felt

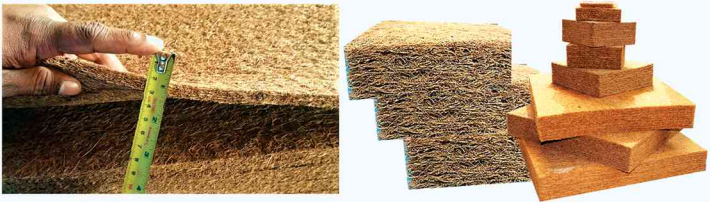


Mattresses & Felt

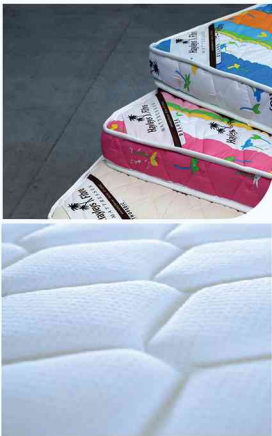
Mattress Components

Coir based mattresses, with its unique features, are a popular choice of mattress across the globe. Coir is naturally a hygroscopic material therefore it has the ability to absorb moisture from the air. Coir mattresses are also highly porous compared to another forms of mattresses which support ventilation. These features enhance air circulation within the mattress and provides a cooling sensation which is particularly helpful in hot and humid conditions.

At Hayleys Fibre we produce two types of bare blocks, rubberized coir bare blocks and interlocking (needled) coir bare blocks. Rubberized coir blocks are manufactured by processing a special grade of coir fibre known as mattress fibre with natural latex solution. Mattress fibre when compressed with latex solution makes the resulting coir blocks firm & resilient, providing an ideal surface with the ability to conform to body shape. Interlocking (needled) coir blocks, use an interlocking system to bind sheets of compressed mattress fibre either with or without the use of latex solution. Our coir blocks, manufactured to international standards within an ISO 9001 certified plant, are 100% natural and eco-friendly and can be customized with varying sizes, coir densities and fibre to latex ratios. We have recently been awarded the certification for Global Organic Latex Standard (GOLS) for sustainable processing methods of latex mixed products from organic raw material.



Finished Mattresses



Our range of finished mattresses include both rubberized coir (RC) mattresses and spring mattresses. Manufactured within an ISO 9001:2008 certified production facility together with the certification for Global Organic Latex Standard (GOLS), Hayleys Fibre mattress range can be custom designed to suite your specifications.

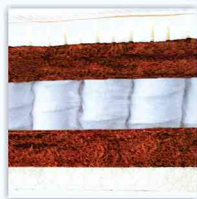


Mattresses & Felt

Types of Mattresses

HEAVENLY Luxurious Mattress

The latest addition to our mattress collection. This is an ultimately luxurious spring mattress which fully relaxes your body enhancing sleep quality. Consist of a pocketed spring unit which reduces partner disturbance, this lavish mattress is topped with multiple layers of PU, perforated latex and memory foam. Completed by an anti-bacterial/anti-microbial knitted fabric with fire retardant qualities, this truly is a remarkable mattress for a wonderful night's sleep.



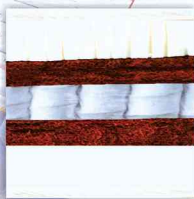
SUPREME BLISS

A supreme mattress of uncompromising quality, this mattress consists of a pocketed spring unit surrounded by layers of natural latex foam on top and the bottom. The perforated foam layers provide a refreshing sleeping surface by absorbing body heat and inducing air circulation. Elegantly finished with a poly-cotton quilted jacquard cover, ensures a blissful night's sleep.



BLOSSOM

For a quality spring mattress at an affordable price, look no further than the blossom by Hayleys mattresses. Built with a 'Bonnell' spring unit in between 2 layers of PU foam providing extra comfort & support, this mattress aids in maintaining posture by evenly distributing body weight. Elegantly finished with a poly-cotton quilted jacquard cover, kick-start your day feeling fully refreshed.



COMMERCIAL SERIES

This specially designed range, targeting the hospitality industry including hotels, motels, resorts & other related lodging, consists of a 12 inch mattress with a pocketed spring unit sandwiched by extra thick layers of perforated natural latex foam on top and PU foam at the bottom. With minimal partner disturbance and enhanced air circulation properties and finished with a poly-cotton quilted jacquard cover, this exemplary mattress will provide your guests an unforgettable stay with a sleep to remember.

Mattresses & Felt

Types of Mattresses



ROYAL CLASSIC

A rubberized coir mattress with the feel and comfort of a spring mattress, the royal classic consists of a PU foam layer sandwiched in between 2 soft and springy blocks of rubberized coir topped with a layer of perforated natural latex foam. Finished with a poly-cotton quilted jacquard cover, this eco-friendly coir mattress with its superior air circulation properties, provides you the relaxation you truly deserve after a long day's work.

CLASSIC

A firm rubberized coir block with a top layer of perforated natural latex foam for extra cushioning finished with a poly-cotton quilted jacquard cover. The classic mattress is an eco-friendly mattress of supreme quality & comfort. Treat yourself to a classic touch of luxury with this natural coir mattress and stay cool and refreshed throughout the night.

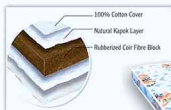
ORTHOPAEDIC

The orthopaedic mattress by Hayleys mattresses, manufactured with a high density rubberized coir block, gives you a firm surface providing extra lumbar & neck support by perfectly placing pressure on your hips & shoulders. Finished with a 100% cotton cover which enhances breathability creating a cool environment. This all natural eco-friendly product is particularly suited to provide natural and long lasting relief from back and neck aches, enhancing body posture and giving you a soothing sleep you richly deserve.



DREAMS - Baby Mattress

Another recent innovation by Hayleys Mattresses, this all natural non-toxic mattress is specially designed for new-borns, toddlers and infants. This coir mattress is surrounded by a kapok layer and finished with cotton fabric allowing for easier breathability which effectively reduces the chance of accidental suffocation. The well ventilated surface also prevents the babies from developing heat rashes and the firm surface provides ample support for growing bones. Custom designed to fit your cot, "Dreams" is truly an elegant functional product.



Mattresses & Felt

Flock & Needled Felt

Flock & needled felt is derived from virgin fabric off-cuts gathered from the extensive garment industry in Sri Lanka. Collected directly from the cutting table, these off-cuts are uncontaminated and completely hygienic.



FLOCK

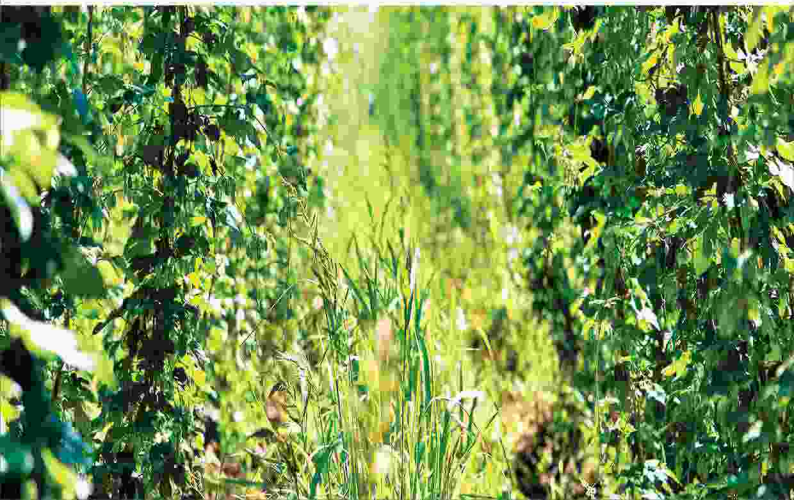
Flock is a semi-finished product garnered from virgin fabric off-cuts. These off-cuts consist of a variety of different materials including cotton, polyester, acrylic, denim & wool fabrics. Acquired from garment factories, these off-cuts are processed to derive flock which is in essence a fibrous, cotton wool type material. This flock is primarily used as filling for soft toys, pillows, cushions and upholstery including furniture and automobile seats.

FELT

Our felt sheets, which are produced either by needling or by thermal bonding flock fibres together. Needled felt sheets are manufactured using felting machines with an intricate system of needles whereas thermo-bonded felt sheets are manufactured by processing flock with a low melt compound. Felt sheets can be reinforced by fabric backing to provide more hardness. We provide bespoke solutions with felt sheets available in cut or roll form (maximum 2 m in width), thicknesses ranging between 8 – 12 mm and varying densities. Applications of felt sheets include, automobile interior lining, furniture & bedding underlays, sound/heat proofing, filtrations systems and numerous other related applications.



Industrial Fibre



Industrial Fibre

Coir Fibre

Sri Lanka is renowned for the production of brown coir fibre and these in their raw form are used extensively by numerous industries both locally and internationally. Traditionally used to manufacture yarn, twine, brushes, brooms and floor coverings, the intrinsic features of coir fibres have paved the way for them to be applied in a host of other industries. These features include physical properties such as length, resistance to decay, hygroscopic properties, colour & texture and mechanical properties such as elasticity, strength, torsion rigidity & elongation. They are an eco-friendly alternative to synthetic fibres. Using age old processes such as retting and wet milling, various grades of fibre suited to specific applications are extracted. These include, bristle fibre, omat fibre, mattress fibre and mix fibre. At Hayleys Fibre we supply all the grades in bale form as well as in curled form (twisted fibre with features suited particularly for mattresses and upholstery.)

BRISTLE FIBRE

Bristle fibre, consisting of long, stiff strands, is the finest grade of coir fibre available. Bristle fibre is classified as 1-tie, 2-tie or 3-tie according to its length with 3-tie bristle fibres being the longest. The fibres are separated through a process termed hackling which involves combing the fibres using steel combs to achieve the desired length as well as removing any impurities. Used predominantly in the manufacture of brushes, brooms, high-strength twine and other related products, we supply cut & un-cut bristle fibre in natural, black & bleach form.

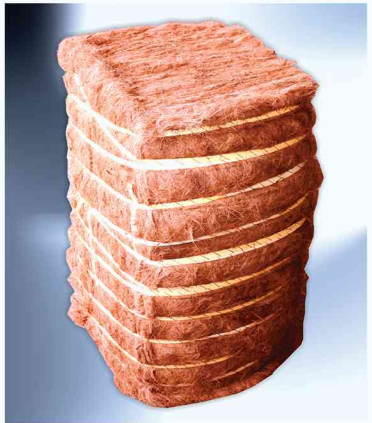


OMAT FIBRE

These are a grade of coir fibre which consists of medium length strands. This grade of fibre mixed with other grades is mainly used in the preparation of twisted fibre.

MATTRESS FIBRE

Mattress fibre is the shortest grade of coir fibre available and they are used for a multitude of purposes. Hygroscopic properties of mattress fibre provides for a well-ventilated, cool and comfortable sleeping surface making them an ideal raw material in the manufacture of rubberized coir mattresses & mattress blocks. Rubberized coir sheets made from mattress fibre can also be used in spring mattresses to surround the Bonnell /pocketed spring units to support and protect the units hence enhancing their durability. These rubberized coir sheets are also ideal in manufacturing horticultural products such as basket liners, weed mats, bark guards, coco poles and coco pots. Other common applications of mattress fibre include drainage filtering, thermal insulation, carpet underlying, automobile/furniture upholstery designing, erosion control, logistics (packaging) and a host of other related applications.



Industrial Fibre

Coir Fibre

TWISTED FIBRE (Curled coir)

Twisted fibre, commonly known as FMT (fuehrer machine twisted), consists of coir fibres which are mechanically twisted and curled and made into coils of rope of various sizes and weights. Twisted fibre is primarily used in the manufacturing of coir mattresses, furniture cushioning and automobile seat cushioning. A unique feature of twisted fibre which makes them suitable for these applications is that even after uncurling, the strands of fibre retain their "springy" effect which provides added comfort. The curly effect also increases the latex penetration which aides in the manufacture of rubberized coir blocks. Additionally twisted fibre is used in the manufacture of erosion control products, carpet underlays, drainage pipe insulation and other related products. We supply twisted fibre coils as per customer requirements in particular as single grade of fibre or as a blend of various fibre grades.



Industrial Fibre

Coir Twine

Twine consists of coir fibres, usually bristle fibre, twisted around a cotton tread. Various grades of twine can be manufactured depending on the quality and quantity of the fibre used, for the intended application. Our twine is extensively used for a variety of applications. These include sea squirt cultivation, horticulture, erosion control, woven floor covering production, hop/vine industry among many other related applications.

Twine for the Hop Industry

Hayleys Fibre coir twine has been used in the hop industry, particularly in the US and Europe for the last 2 decades. The flowers of the hop plant are used primarily as a flavouring/stability agent in beer. The industry uses steel trellises (approximately 6m in height) to which coir twine is hung. This twine acts as the stringing medium along which the hop plant grows vertically with minimal labour requirement. With breaking strengths of up to 50 kg, our hop twine is known for their superior roller resistant properties. It is also a proven fact that the use of twine for this particular purpose improves the growth rate of the hop plant enhancing the yield. Coir twine is 100% natural and eco-friendly hence once the hop flowers are harvested, the twine and the hop plant can be converted to compost. We can custom supply the twine in varying cut lengths, thicknesses and breaking strengths according to customer requirements.



Industrial Fibre

Aqua Twine for Meonggae (CESCO) & Oyster Cultivation

SEA SQUIRT & OYSTER CULTIVATION

Sea pineapple is a variety of edible sea squirt consumed primarily in Korea where it is considered a delicacy. Known locally as "meonggae," these sea squirts require a suitable medium for commercial growth. Our aqua twine which is a special grade of twine manufactured for this purpose is extensively used particularly in South Korea where we hold a dominant position as a supplier. Aqua twine possess unique features such as high retaining probability resulting in high yield, high breaking strength suitable to support heavy loads and uniform cross sections required for smooth harvesting. Hayleys Fibre twine is also used extensively as the growth medium in oyster cultivation.



Twine for Horticulture & Carpet Industry

OIL TWINE

Fencing constructed using oil twine is a viable alternative for electric fences. This is a patented organic solution for a predefined period of time which keeps out deer, raccoons, rabbits, wild birds and many other wild animals without harming them. Conversely they can be used in garden fencing to keep your pets inside. It can also be used to act as an insect repellent.



GARDEN TWINE

We supply a wide range of garden twines suitable for various purposes including fence making, pot hanging, tying up plants and many other related applications. This product range has unique features such as well-balanced tension, flexibility and bio-degradability and available in a variety of colours, these products will indeed enhance the natural beauty of your garden.



WOVEN FLOOR COVERINGS

Our coir twine, possessing superior roller resistant properties and with an ability to withstand high abrasion which increases durability, are ideal in manufacturing wall-to-wall floor coverings.



Our Presence

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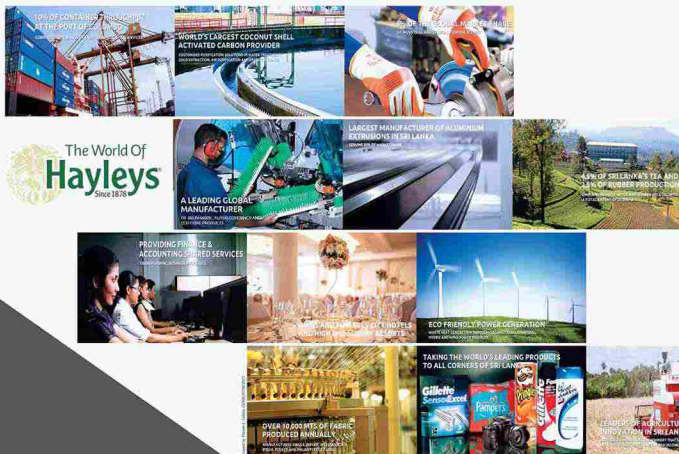
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Global Presence





Commencing commercial operations in 1878 as Chas. P. Hayley & Company, we were incorporated as Hayleys Limited 61 years ago. Embracing innovation and entrepreneurship, we've added value for people and businesses across the country and beyond. It is this spirit that has characterised our growth and the building of a strong and successful enterprise that is active in local and global markets. In addition to Sri Lanka, Hayleys today has manufacturing facilities in Indonesia and Thailand, and marketing operations in Australia, India, Bangladesh, Italy, Japan, Netherlands, UK and USA. The Group accounts for 3.17% of Sri Lanka's export income.